

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------|------------------|---------|------------------|
| S2 | 1426 | AGILENT adj TECHNOLOGIES.as. | USPAT | OR | OFF | 2004/06/14 12:40 |
| S3 | 11 | AGILENT adj TECHNOLOGIES.as. and BIST | USPAT | OR | OFF | 2004/06/14 12:42 |
| S5 | 3 | STONG adj GAYVIN ROBERTSON ADJ JEFFREY ADJ THOMAS MIELKE ADJ DAVID ADJ JAMES | USPAT | OR | OFF | 2004/06/14 12:46 |
| S7 | 52 | (STONG adj GAYVIN ROBERTSON ADJ JEFFREY MIELKE ADJ DAVID).in. | USPAT | OR | OFF | 2004/06/14 12:47 |
| S6 | 3 | (STONG adj GAYVIN ROBERTSON ADJ JEFFREY ADJ THOMAS MIELKE ADJ DAVID ADJ JAMES). in. | USPAT | OR | OFF | 2004/06/14 12:47 |
| S4 | 3 | AGILENT adj TECHNOLOGIES.as. and decod\$3 and BIST | USPAT | OR | OFF | 2004/06/14 12:48 |
| S9 | 1 | ((STONG adj GAYVIN ROBERTSON ADJ JEFFREY MIELKE ADJ DAVID).in.) and decod\$3 | USPAT | OR | OFF | 2004/06/14 12:53 |
| S10 | 50 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn. | USPAT | OR | OFF | 2004/06/14 12:54 |

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|-----|-----|--|-------|----|-----|------------------|
| S12 | 444 | "5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652" | USPAT | OR | OFF | 2004/06/14 12:57 |
| S13 | 60 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and decod\$3 and BIST | USPAT | OR | OFF | 2004/06/14 12:58 |
| S14 | 13 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and decod\$3 with BIST | USPAT | OR | OFF | 2004/06/14 13:01 |

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|-----|----|---|-------|----|-----|------------------|
| S15 | 37 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and decod\$3 with memory and BIST | USPAT | OR | OFF | 2004/06/14 13:02 |
| S16 | 10 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and decod\$3 with generat\$4 with memory and BIST | USPAT | OR | OFF | 2004/06/14 13:03 |

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|-----|----|--|-------|----|-----|------------------|
| S18 | 10 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and decod\$3 with generat\$4 with decod\$\$ | USPAT | OR | OFF | 2004/06/14 13:05 |
| S17 | 63 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and decod\$3 with generat\$4 with decod\$\$ | USPAT | OR | OFF | 2004/06/14 13:05 |

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|-----|---------|--|-------|----|-----|------------------|
| S19 | 1314945 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and cod\$3 nera generat\$4 | USPAT | OR | OFF | 2004/06/14 13:07 |
| S11 | 19 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and decod\$3 and BIST | USPAT | OR | OFF | 2004/06/14 13:07 |
| S22 | 8 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and cod\$3 NEAR generat\$4 with memory | USPAT | OR | OFF | 2004/06/14 13:09 |

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|-----|---------|---|--------------------|----|-----|------------------|
| S21 | 2 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and cod\$3 NEAR generat\$4 with memory | USPAT | OR | OFF | 2004/06/14 13:09 |
| S1 | 1 | "20030093735" | US-PGPUB; USPAT | OR | OFF | 2004/06/14 13:12 |
| S23 | 3076964 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and IC with built in self-test | USPAT | OR | OFF | 2004/06/14 13:13 |

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|-----|----|--|-------|----|-----|------------------|
| S24 | 2 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and IC with built ADJ in ADJ self ADJ test | USPAT | OR | OFF | 2004/06/14 13:14 |
| S25 | 49 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and built ADJ in ADJ self ADJ test | USPAT | OR | OFF | 2004/06/14 13:15 |
| S26 | 92 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory | USPAT | OR | OFF | 2004/06/14 13:16 |

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|-----|---|---|-------|----|-----|------------------|
| S27 | 3 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory AND contention | USPAT | OR | OFF | 2004/06/14 13:17 |
| S28 | 3 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory AND contention | USPAT | OR | ON | 2004/06/14 13:19 |
| S29 | 3 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory with mapp\$4 | USPAT | OR | ON | 2004/06/14 13:21 |

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|-----|----|---|-------|----|----|------------------|
| S30 | 6 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory same mapp\$4 | USPAT | OR | ON | 2004/06/14 13:22 |
| S32 | 2 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory and generator near3 decoder | USPAT | OR | ON | 2004/06/14 14:06 |
| S35 | 2 | (AGILENT adj TECHNOLOGIES. as.) and generator near3 decoder | USPAT | OR | ON | 2004/06/14 14:07 |
| S36 | 77 | (AGILENT adj TECHNOLOGIES. as.) and decoder | USPAT | OR | ON | 2004/06/14 14:08 |
| S37 | 1 | (AGILENT adj TECHNOLOGIES. as.) and decoder with pattern with generat\$4 | USPAT | OR | ON | 2004/06/14 14:09 |
| S39 | 2 | (AGILENT adj TECHNOLOGIES. as.) and BIST and pattern with generat\$4 | USPAT | OR | ON | 2004/06/14 14:10 |

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|-----|----|---|-------|----|-----|------------------|
| S40 | 50 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory | USPAT | OR | OFF | 2004/06/14 14:12 |
| S20 | 4 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and cod\$3 NEAR generat\$4 | USPAT | OR | OFF | 2004/06/14 14:12 |
| S41 | 31 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and test near3 generat\$3 | USPAT | OR | OFF | 2004/06/14 14:15 |

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|-----|----|--|-------|----|----|------------------|
| S42 | 31 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and test near3 generat\$3 | USPAT | OR | ON | 2004/06/14 14:17 |
| S43 | 30 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and test near3 generat\$3 and BIST | USPAT | OR | ON | 2004/06/14 14:19 |

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|-----|---|--|-------|----|----|------------------|
| S44 | 2 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and test near3 generat\$3 with decod\$3 and BIST | USPAT | OR | ON | 2004/06/14 14:20 |
| S45 | 5 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and test near3 generat\$3 same decod\$3 and BIST | USPAT | OR | ON | 2004/06/14 14:22 |

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|-----|---|--|-------|----|----|------------------|
| S46 | 3 | (("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and random near3 generat\$3 same decod\$3 and BIST | USPAT | OR | ON | 2004/06/14 14:25 |
| S47 | 4 | (("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and random near3 generat\$3 same decod\$3 | USPAT | OR | ON | 2004/06/14 14:26 |

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|-----|----|---|-------|----|----|------------------|
| S48 | 10 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and generat\$3 with decod\$3 | USPAT | OR | ON | 2004/06/14 14:30 |
| S50 | 6 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory and read with write with register | USPAT | OR | ON | 2004/06/14 14:32 |

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|-----|----|--|-------|----|----|------------------|
| S51 | 5 | ((("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652").pn.) and memory with read with write with register | USPAT | OR | ON | 2004/06/14 14:34 |
| S52 | 28 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and memory with read with write with register | USPAT | OR | ON | 2004/06/14 14:35 |

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|-----|----|--|-------|----|----|------------------|
| S56 | 18 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and memory with read with write with generat\$3 and BIST | USPAT | OR | ON | 2004/06/14 14:38 |
| S55 | 58 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and memory with read with write and BIST | USPAT | OR | ON | 2004/06/14 14:38 |

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|-----|------|---|-------|----|-----|------------------|
| S54 | 9 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and memory with read with write with register and BIST | USPAT | OR | ON | 2004/06/14 14:38 |
| S53 | 18 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and memory with read with write with register and decod\$3 | USPAT | OR | ON | 2004/06/14 14:38 |
| S60 | 10 | pseudo adj random and non adj deterministic and contention | USPAT | OR | OFF | 2005/05/05 18:36 |
| S62 | 8 | pseudo adj random with generator with contention | USPAT | OR | OFF | 2005/05/05 18:37 |
| S61 | 391 | pseudo adj random and contention | USPAT | OR | OFF | 2005/05/05 18:37 |
| S65 | 1 | pseudo adj random with memory with contention | USPAT | OR | OFF | 2005/05/05 18:39 |
| S64 | 42 | pseudo adj random and memory with contention | USPAT | OR | OFF | 2005/05/05 18:39 |
| S63 | 3 | pseudo adj random and BIST and memory with contention | USPAT | OR | OFF | 2005/05/05 18:39 |
| S67 | 1712 | memory with contention | USPAT | OR | OFF | 2005/05/05 18:41 |
| S66 | 3 | pseudo adj random same memory with contention | USPAT | OR | OFF | 2005/05/05 18:41 |

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|-----|-----|---|-------|----|-----|------------------|
| S69 | 2 | 714/718-720.ccls. and read with write with memory with contention | USPAT | OR | OFF | 2005/05/05 18:43 |
| S71 | 28 | 714/718-720.ccls. and memory with (contention or conflict) | USPAT | OR | OFF | 2005/05/05 18:44 |
| S70 | 17 | 714/718-720.ccls. and memory with contention | USPAT | OR | OFF | 2005/05/05 18:44 |
| S73 | 111 | ("5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652") and BIST with memory | USPAT | OR | OFF | 2005/05/05 18:46 |
| S76 | 1 | S72 and S75 | USPAT | OR | OFF | 2005/05/05 18:47 |
| S75 | 500 | "5983009" "6249889" "5422891" "5668947" "5937154" "6151692" "5568437" "6011734" "6169418" "4969126" "6110225" "6182280" "6184048" "6249892" "6249893" "4918378" "5668816" "5761213" "5912901" "5936876" "5946246" "5982681" "6070252" "6233669" "5761215" "5805605" "5896331" "5901095" "6000048" "6122760" "6256760" "6297997" "6405331" "6421794" "6424583" "6574760" "6587979" "6611933" "6656751" "6667917" "5596734" "5742616" "4777355" "4963825" "5039850" "5206938" "5317637" "5357572" "5404553" "5420652" | USPAT | OR | OFF | 2005/05/05 18:47 |
| S72 | 38 | 714/724-738.ccls. and memory with (contention or conflict) | USPAT | OR | OFF | 2005/05/05 18:48 |
| S78 | 29 | 714/724-738.ccls. and memory and (contention or conflict) and BIST | USPAT | OR | OFF | 2005/05/05 18:49 |
| S77 | 3 | 714/724-738.ccls. and memory with (contention or conflict) and BIST | USPAT | OR | OFF | 2005/05/05 18:49 |

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|----------|------|---|-------|----|-----|------------------|
| S81 | 2529 | 714/724-738.ccls. and pattern adg generator with (contention or conflict) and BIST | USPAT | OR | OFF | 2005/05/05 18:50 |
| S85 | 2 | 714/724-738.ccls. and pattern adj generator with (contention or conflict) | USPAT | OR | OFF | 2005/05/05 18:51 |
| S82 | 2522 | 714/724-738.ccls. and pattern adg generator with memeory with (contention or conflict) and BIST | USPAT | OR | OFF | 2005/05/05 18:51 |
| S87 | 2 | 714/724-738.ccls. and read with write near3 (contention or conflict) | USPAT | OR | OFF | 2005/05/05 18:53 |
| S90 | 219 | read with write with memory with contention | USPAT | OR | ON | 2005/05/06 13:28 |
| S89 | 139 | read with write with memory with contention and decoder | USPAT | OR | ON | 2005/05/06 13:28 |
| S68 | 136 | read with write with memory with contention | USPAT | OR | OFF | 2005/05/06 13:28 |
| S93 | 2602 | read with write with memory with contention decoder with read adj only | USPAT | OR | ON | 2005/05/06 13:29 |
| S92 | 219 | read with write with memory with contention decoder with raed adj only | USPAT | OR | ON | 2005/05/06 13:29 |
| S91 | 219 | read with write with memory with contention decoder with raed adj only | USPAT | OR | ON | 2005/05/06 13:29 |
| S97 | 10 | 714/718-738.ccls. and decoder near (read adj only adj memory or "ROM") | USPAT | OR | ON | 2005/05/06 13:32 |
| S96 | 31 | 714/718-738.ccls. and decoder near3 (read adj only adj memory or "ROM") | USPAT | OR | ON | 2005/05/06 13:32 |
| S95 | 3 | 714/718-738.ccls. and decoder near3 read adj only adj memory | USPAT | OR | ON | 2005/05/06 13:32 |
| S94 | 3 | 714/718-738.ccls. and decoder near3 read adj only with memory | USPAT | OR | ON | 2005/05/06 13:32 |
| S88 | 3 | 714/724-738.ccls. and read with write with (contention or conflict) | USPAT | OR | OFF | 2005/05/06 14:23 |
| S10 2 | 3861 | 714/724-738.ccls. and test pattern with random adj number adj generator | USPAT | OR | ON | 2005/05/06 14:24 |
| S10 1 | 98 | 714/724-738.ccls. and random adj number adj generator | USPAT | OR | ON | 2005/05/06 14:24 |
| S10 0 | 94 | 714/724-738.ccls. and random adj number adj generator | USPAT | OR | OFF | 2005/05/06 14:24 |

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|----------|----|--|-------|----|----|------------------|
| S10 3 | 21 | 714/724-738.ccls. and test ADJ pattern with random adj number adj generator | USPAT | OR | ON | 2005/05/06 14:26 |
| S10 5 | 6 | 714/724-739.ccls. and test ADJ pattern with random adj number adj generator and LFSR | USPAT | OR | ON | 2005/05/06 14:27 |
| S10 4 | 24 | 714/724-739.ccls. and test ADJ pattern with random adj number adj generator | USPAT | OR | ON | 2005/05/06 14:27 |